# THE TECH

VOL. XXIX. NO. 98.

BOSTON, MASS., WEDNESDAY, FEBRUARY 23, 1910

PRICE ONE CENT

# WILLIAMS WINS---25-13 IN EXCITING GAME

# Tech Puts Up A Good Fight--- Entertain A Large Audience At Large Party View Work In Cam- Union Room Will Be Kept Clean Parker's Playing The Feature Of Game

It was not the fault of Capt. T. B. Parker that Williams won from Technology in the basket-ball game at Williamstown Monday. Capt. Parker played with the vim and life of three played with the vim and life of three men; he was here, there and every-where; his playing was the big feature of the game. He put every ounce of his strength and all his knowledge of basketball into the game; if Tech had a few more players of his calibre the outcome of the game would have been very different. very different.

The tesm was slightly handicapped without Hargraves in the game, but with the hasty shift in the line-up they remedied this to some degree. The victory over Tech makes this Williams' eighth straight win, and it is expected that they will make a strong bid for the intercollegiate championship.

The game closed with the score at 25 to 13. Parker, Crocker and Bennis shot

goals from the floor and Parker made most of the free tries. Lambie and Templeton played the best game for Williams. The summary:

WILLIAMS.

M. I. T.

Lewis lf ... rb Parker
Lambie rf ... lb Crocker 

Wallace rb ... If Ell Score—Williams 25, M. I. T. 13. Baskets from floor—Lewis 3, Lambie 4, Templeton 3, Hamilton, Wallace, Parker 2, Crocker, Bennis. Baskets from free tries—Templeton, Parker 5. Referee—Hehir of Worcester. Time—20-minute balvos minute halves.

# G. W. TUPPER TO TALK

# Will Talk To T.C.A. On The Management Of Men---All Invited

At the usual Wednesday evening meeting tonight of the Technology Christian Association, Dr. G. W. Tupper is going to speak on "The Technical Graduate as

a Manager af Men."
Dr. Tupper is a special correspondent to the Boston Transcript, and a series of articles was begun last Saturday, the first of which dealt wit "The Great Emigration Ports." Dr. Tupper is at present studying that problem confronting the Aemerican nation of melting the va-rious peoples together into one great His first article last Saturday on that problem gave a most interesting

insight into the gateways of Europe through which pass the millions a year. Dr. Tupper, through his study and in his dealing with fortigners in this country and abroad, has gained a valuable and is co metent. ∙t upon the ability of technically educated men to handle not only these foreigners but men put under tehir leadership as

The future of every Tech man depends upon his ability to handle men and to deal with them successfully; therefore a talk from a man such as Dr. Tupper ought to be heard by all who have any

interest in their future.
The supper will be served as usual upstairs at the same price as before. Some new features are to be passed upon and plans for the new active work for tudent membership may be brought up if time permits.

# MUSICAL CLUBS GIVE SUCCESSFUL CONCERT

# Unitarian Festival In Melrose

The first concert given by the Musical Clubs since their return from their western trip, was at Melrose Auditorium, at a Unitarian Festival yesterday afternoon. In spite of the disagreeable weather conditions, a large crowd turned out to the entertainment. The hall was decorated with flags and Tech banners. On either side of the hall booths were placed, where candy and cake and many other things were sold. At half-past one the festival was opened by the Glee Club, which rendered two Tech songs, "Cardinal and Grey," and "Take me back to Tech." Owing to the loss of several of its members the Paris Club, and the several of the members of the Paris Club, and the several of the members of the Paris Club, and the several of the Owing to the loss of several of its members, the Banjo Club was unable to perform. However, this difficulty was overcome by additional selections by both Mandolin and Glee Clubs. A. O. Wilson 1911, rendered a solo which won a hearty applause. The concert, with the singing of "Dear Old M. I. T." by the combined clubs, was brought to a close. to a close.

Afterward, the main floor was cleared and informal dancing followed. Many of the boys remained and enjoyed the festivities. The festival finally closed at five o'clock and all left for home.

# PROF. TALBOT TO TALK

# **Lecture On Chemistry Of Modern Illuminants Tonight**

The Society of Arts and any who are interested enough to drop in at 6 Lowell tonight about eight o'clock will be told of "The Chemistry of Modern Il-luminants" by Professor Henry P. Tal-

Even those who drew an F in chemistry may attend this lecture, for it is to be a non-technical account of the sources and preparation of the materials employed in the modern systems of household illumination. It is to be a simple story told in a simple fashion with stereopticon illustrations to show

the different details of manufacture.

The lecture will be about the same as those given to the freshman class, but it will be somewhat more extended.

If any of the audience be "from Missouri," Professor Talbot will "show them" by actual experiments. He will tell of the ingredients used in the production of lights, from the candle to acetylene, and the incandescent mantle. Professor Talbot will also touch on the products given off by these different lights, and their influence upon the atmosphere and occupants o rooms.

Better come. Maybe you can pict up some facts to prove that that headace in the morning is due to the gases given off by your study lamp and noth-

It is hoped that Holy Cross College will be well represented at the New England intercollegiate meet to be held at Tech Field, Brookline, May 20 and 21. The performances of the athletes at the meet held in Worcester Monday night would indicate that the purple and white institution has several capable

# CIVIL ENG. SOCIETY **VISITS NEW SUBWAY**

# bridge Conducted By Chief **Engineer Street**

With a party numbering over a hundred and twenty-five, the Civil Engineering Society, Monday afternoon made the second of their series of trips to points of interest in the vicinity of Boston; visiting the new Cambridge subway, now in process of construction. They took the car to Harvard Square, where they were not by Mr. Street where they were met by Mr. Street, Chief Engineer for the H. P. Nawn Co., contractors, and Mr. Stewart, assistant engineer, who conducted them first to the incline on Massachusetts Avenue for the North Cambridge cars. Here were seen the methods used in bracing up, during excavation, a large sewer which

crosses the street at this point.

From Harvard Square the party proceeded east on Massachusetts Avenue, where the subway during construction, is an open cut about thirty feet deep, which afforded good opportunity to view the work in all stages of completion. The soil consists principally of clay with some beds of sand which is used as far as possible in the concrete. Very little trouble from rock or water is experienced in excavation, although sub-drains have to be used to some extent.

The subway structure consists of re-enforced concrete, the mixture being 1: 2:4 waterproofing is effected by means of the tar and felt process—four layers being used. Proceeding farther, a point was reached near the corner of Mt. Auburn Street, where all the excavation is carried on as a tunnel, a shield in the form of a steel arch being used to hold up the earth while the concrete arch is being put in. This shield is continuously being pushed forward as the excavation proceeds, leaving behind the fin-ished concrete work. The excavated earth is hauled in cars back through the tunnel to an elevator which lifts it to the surface, where it is dumped into wagons. Air shafts are provided at in-tervals, but notwithstanding this the

temperature is over ninety degrees.

At this point a power plant is located, consisting principally of two compressors driven by electric motors, which furnish water under 2000 and 5000 pounds per square inch to the fourteen hydraulic jacks which move the shield. There are also some small air compress-

(Continued on page 3.)

# **MELROSE DEFEATS 1913**

The Freshmen basket-ball team was defeated yesterday by Melrose High School men by the score of 42 to 9. Melrose is represented this year by a fast team, and the Freshmen could not seem to make much headway either in preventing their opponents from scoring or adding points to their own small

Welch and McCarthy played well for the 1913 team; Winship and Dyke were the stars of the winning team. The summary:

MELROSE. Winship rf ..... lb Welch Dyke If ..... rb McCarthy Watson, Wentworth c ..... c Murdock Goals from floor—Winship (6), Dyke (5), Wentworth (2), Walsh, McCarthy. Goals from fouls—Winship, Wentworth, Walsh. Referce—La Rose. Scorer—Foster. Timer—Stevens. Time—20-

minute halves. Attendance--300.

# **DINING ROOM PROFITS** SHOW SMALL INCREASE

# During Noon Hour By **Arthur Campbell**

Although the losses incurred last term have not been made up yet, the weekly profits of the Union Dining Room are not only continuing, but are actually increasing. If they continue at the present rate the Union will come out even, or perhaps show a small profit, by the end of the term.

The Civil Engineering Society is filling two tables each day; the Architects have one table and The Tech has one table. The Course II. men have spoken for a table, and the Tech Show will probably have several tables. The committee again wish to call the attention of the men to the fact that any crowd up to fourteen men can have a table reserved for them regularly.

Arthur Campbell, a small colored gentleman, has been employed by the Union House Committee to keep the Union roms clean. He will be on duty daily between 12 and 2.30. The committee asks that all the men who use the Union will co-operate with Mr. Campbell in

Two lists for the names of men who wish to purchase \$4.00 meal tickets have been circulating; so far only thirty-five men have signed, and unless fifty or more names can be obtained the scheme will be abandoned.

Following is given the report of the Dining room for the week ending Sunday, Feb. 19:—

#### Receipts. Inventory, Feb. 20 .....\$413.00

Cash Receipts ..... 502.03 Private Dinners ..... 20.50

Discounts					67
		T21		_ {	\$936.43
		Expo	uses.		
Inventory	Febr	mary	13	\$	3457.08
Supplies 1	Bougl	nt			282.25
Wages					137.88

Students' Wages ..... 19.26

this being the largest average attendance

Alexandria, Va., Feb. 22.—The movement to erect a permanent Masonic memorial to George Washington took its first definite form today when Gen. J.
M. Dickinson, secretary of war, and the
grand masters of many Masonic lodges
met here with other distinguished men of the fraternity to form a National Masonic Memorial Association. Perhaps no Masonic celebration ever held anywhere in America has been more elaborate.

#### CALENDAR.

Wednesday, February 23.

7:15—Gym team, practice, Gym. 6:00—T. C. A. Dinner, Union. 7:15—Wireless Lecture, Union. 8:00-Society of Arts, 6 Lowell.

Thursday, February 24.

7:30-Mining Engineering Soc. Union. 8:00-Chemical Society, Union. Lowell Textile Basket-ball at Lowell. Gym Meet at Salem.

Friday, February 25.

1:00-1910 class meeting, Hunt Hall. 8:00—Military Hop, Howe Hall. 8:00—Union Night.

# HIGGINS'

Drawing-Inks
Eternal Writing-Ink
Eternal Writing-Ink
Engressing-Ink
Taurine Mucilage
Photo-Mounter
Drawing-Board Paste
Liquid Paste
Office Paste
Vegetable Glue, Btc.



Are the Finest and Best Inks and Adhesius. Emancipate yourself from the use of corrosive and fill smelling inks and adhesives and adhesives. They will be are velation to you, they are so sweet, clean, and well put up.

At Dealers Generally.

CHAS. M. HIGGINS & CO., Migra Branches: Chicago, London 271 Ninth Street, Brooklyn, N.Y.

# Preston's Coffee House

Open All Night. 1036 BOYLSTON STREET, BOSTON Telephone 2206-1 B. B.

Tel. 1597-1 B. B.

#### Miss SAWYER

MULTIGRAPHING TYPEWRITING

486 BOYLSTON ST., Opp. Rogers Bldg

### **ROWAN & CURRY**

THE TECH BARBERS

Special attention paid to students at M. Î. T.

In the New Chauncey Hall Building 585 BOYLSTON STREET Opp. Copley Square

## SAFETY RAZOR BLADES O I C Made Sharper Than New **22**E2.

Exclusive process; no wearing down; double edge blades a specialty. Send one dozen blades and 30c. today and save 70c.

169 Congress St.,

Boston.

P. H. MacNEIL,

# GEO. H. ELLIS CO.

# **Printers**

No. 272 CONGRESS STREET BOSTON, MASS.

Phone' 1549.

RECEIPTS AT THE UNION LAST WEEK PASSED THE \$500.00 MARK. WATCH US CLEAN UP THAT DEFICIT!

# Allen, Doane & Co.

OFFICE, BANK AND DATING STAMPS

STEEL STAMPS, DIE SINKING, STEEL LETTERS & FIGURES

**29** and 31 Cornhill, Boston

#### J. C. LITTLEFIELD



HIGH CLASS TAILOR

Smart and offective fabrics: ture and most fashionable shades; prices that are right.

DRESS CLOTHES A SPECIALTY. 12 Beacon Street, Boston

# BOSTON DAIRY LUNCH

COR. BERKELEY & BOYLSTON STS. Specials Every Day.

All Home Cooking. Moderate Prices.

Cigars and Cigarettes.



#### GENERAL NOTICES.

FRENCH COLLOQUIUM B.

This subject has been announced erroneously as coming on Thursday from 12-1. It comes on Thursday from 11-12, and recites to Professor Bigelow, in Room 31 Lowell. Students wishing to attend should see Professor Bigelow at the part everying the next exercise.

#### GERMAN II.

Commencing Monday, the 21st, Section 18 will recite to Dr. Kurrelmeyer in Room 30 Lowell, otherwise as heretofore; and Section 8 to Professor Vogel in Room 30 Lowell as follows:

Tuesday, 12-1. Wednesday, 12-1. Friday, 10-11.

#### ALL CLUBS.

Proofs will be left for all Clubs having inserts in Technique at the Cage. If proofs are not called for in five days the editors con not be responsible for the copy.

#### C. E. SOCIETY.

E. SOCIETY EXCURSION TO T CONSTRUCTION OF NEW VISIT RUCTION OF NEW SUBWAY MONDAY, CAMBRIDGE FEB. 21.

Meet on Walker Bldg. steps at 1:30 P. M. SHARP. Those intending to go sign sheets posted in drafting room or leave name for Secretary, Box 36 at Cage before Monday.

#### E. E. SOCIETY.

Prof. A. E. Kennelly of Harvard will speak on Wireless Telegraphy and Telephony on Wednesday evening, Feb. 23, at Union. Refreshments.

NOTICE.—All Juniors who have not as yet signed their names under the Class Picture will please do so at once. The picture is on the Union Bulletin

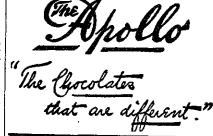
# T. C. A. BOARD MEETING

There was a meeting of the Council of the T. C. A. yesterday at one o'clock. Many important matters were discussed the chief of these being the question of membership. It was decided that on Wednesday evening, March 9, a general

meeting will be held, to which all students will be invited. At this meeting the membership of the organization will be arranged and the support of every one urged. The association is now on a firm financial footing. In the late canvass of the freshman class over one hundred dollars was collected. The upper classes will next be tackled and they are expected to respond as eagerly as the freshmen did. On next Monday, the entire membership requirements will be published in these

# TEST RUN ON TURBINE

It is generally well known about the Institute that a new Curtis Turbine has been recently installed in the Lowell Electrical Engineering Laboratory This machine was tried for the first time Saturday morning. In the afternoon an efficiency test was made that proved to be entirely satisfactory. The turbine was run under 145 lbs. of steam pressure and 22 inches of vacuum. The machine is rated at 150 kilowatts and in the test that current was obtained. Mr. Smith, the chief engineer, considers the turbine very satisfactory in every way and he believes that it could carry considerable more than the rated load. The Electrical and Mechanical Engineering Departments will make an economy test on it in a short time.



#### 192 MARLBOROUGH STREET Under New Management

Suite suitable for Physician or Dentist. Electric Lighting. Also would let rooms separately, furnished or unfur-nished. Apply to Mrs. L. M. Wood, Manager.

# **CLASSIFIED** LIST OF **ADVERTISERS**

ATTRACTIONS. Castle Square Theatre. Poston Opera House. BARBERS.

Rowan & Curry.

BANKING HOUSES. Old Colony Trust. State Street Trust Co. BOOKBINDERS.

Alexander Moore. BOOKSTORE. Old Corner Bookstore. CIGARETTES.

Fatima CONFECTIONERY. Apollo Chocolates.

CRACKERS. Johnson Educator Food Ca. DRUGGISTS.

Copley Drug. Theo. Metcalf & Co.

ENGINEERS. Stone & Webster.

FLORISTS. Galvin.

GLOVES.

Fownes. HARDWARE. Wardsworth & Howland.

Colline & Fairbanks. Sphinx.

HOTELS. Hotel Brunswick. Hotel Cumberland.

American House. JEWELERS.

Bent & Bush.

LAUNDRY. Hinds Hand Laundry.

MEN'S FURNISHINGS. Arrow collars. Boston Garters Collins & Fairbanks. Morse & Henderson. C. F. Hovey & Co. Noyes Bros. Shuman & Co. J. C. Littlefield. Brooks Bros.

PRINTERS. Geo. H. Ellis Co.

RESTAURANTS Copley Lunch. Lombardi Inn. Preston's Coffee House. Boston Dairy. Landers Lunch Room. Union Dining Room. SPORTING GOODS.

Stevens Gun Co. A. G. Spalding. RUBBER STAMPS.

Allen, Doane & Co. STATIONERS. Faber Pencils.

Higgins' Ink. Maclachlan. Samuel Ward & Co.

THEATER TICKETS. Herrick.

TYPEWRITING. Miss Sawyer.
TYPEWRITERS. Model Typewriter Exchange.

# OLD COLONY TRUST COMPANY

Capital and Surplus, \$7,500,000.00

Main Office, Court Street Branch Office, Temple Place

SAFE DEPOSIT VAULTS AT BOTH **OFFICES** 

# Winter

FOR GENTLEMEN

Highest Order of Tailoring, yet Ready to Slip Into.

Suit or Overcoat

Formerly \$25 to \$50 Now Reduced \$18 to \$35

FINEST OF FURNISHINGS. ALSO REDUCED

Ely Meyer & M. C. Simon

T. Henry Clarkson, Manager. WASHINGTON AND FRANKLIN STREETS.

# THE TECH

VOL. XXIX. NO. 98.

BOSTON, MASS., WEDNESDAY, FEBRUARY 23, 1910

PRICE ONE CENT

# WILLIAMS WINS---25-13 IN EXCITING GAME

# Parker's Playing The Feature Of Game

It was not the fault of Capt. T. B. Parker that Williams won from Technology in the basket-ball game at Wil-Capt. Parker liamstown Monday. played with the vim and life of three men; he was here, there and everywhere; his playing was the big feature of the game. He put every ounce of his strength and all his knowledge of basketball into the game; if Tech had a few more players of his calibre the outcome of the game would have been very different.

very different.

The team was slightly handicapped without Hargraves in the game, but with the hasty shift in the line-up they remedied this to some degree. The victory over Tech makes this Williams' eighth straight win, and it is expected that they will make a strong bid for

the intercollegiate championship.

The game closed with the score at 25 to 13. Parker, Crocker and Bennis shot goals from the floor and Parker made most of the free tries. Lambie and Templeton played the best game for Williams. The summary:

Williams. The WILLIAMS. Lewis lf rb Parker
Lambie rf lb Crocker Templeton c ...... c Johnston Hamilton lb ..... rf Bennis Wallace rb .....

Score-Williams 25, M. I. T. 13. Baskets from floor—Lewis 3, Lambie 4,
Templeton 3, Hamilton, Wallace, Parker 2, Crocker, Bennis. Baskets from
free tries—Templeton, Parker 5. Referee—Hehir of Worcester. Time—20minute halves.

# G. W. TUPPER TO TALK

# Will Talk To T. C. A. On The Management Of Men---All Invited

At the usual Wednesday evening meeting tonight of the Technology Christian Association, Dr. G. W. Tupper is going to speak on "The Technical Graduate as a Manager af Men."

Dr. Tupper is a special correspondent Dr. Tupper is a special correspondent to the Boston Transcript, and a series of articles was begun last Saturday, the first of which dealt wit "The Great Emigration Ports." Dr. Tupper is at present studying that problem confronting the Aemerican nation of melting the various peoples together into one great whole. His first article last Saturday on that problem gave a prost interesting on that problem gave a most interesting insight into the gateways of Europe through which pass the millions a year.

Dr. Tupper, through his study and in his dealing with fortigners in this coun-try and abroad, has gained a valuable experience and is competent to judge upon the ability of technically educated men to handle not only these foreigners but men put under tehir leadership as

The future of every Tech man depends upon his ability to handle men and to deal with them successfully; therefore a talk from a man such as Dr. Tupper ought to be heard by all who have any interest in their future.

The supper will be served as usual upstairs at the same price as before. Some new features are to be passed upon and plans for the new active work for student membership may be brought up

# MUSICAL CLUBS GIVE SUCCESSFUL CONCERT

# Tech Puts Up A Good Fight--- Entertain A Large Audience At Large Party View Work In Cam- Union Room Will Be Kept Clean Unitarian Festival In Meirose

The first concert given by the Musical Clubs since their return from their western trip, was at Melrose Auditorium, at a Unitarian Festival yesterday afternoon. In spite of the disagreeable weather conditions, a large crowd turned out to the entertainment. The hall was decorated with flags and Tech banners. On either side of the hall booths were placed, where candy and cake and many other things were sold. cake and many other things were sold. At half-past one the festival was opened by the Glee Club, which rendered two Tech songs, "Cardinal and Grey," and "Take me back to Tech." Owing to the loss of several of its members, the Banjo Club was unable to perform. However, this difficulty was overcome by additional selections by both Mandolin and Glee Clubs. A. O. Wilson 1911, rendered a solo which won a hearty applause. The concert, with the singing of "Dear Old M. I. T." by the combined clubs, was brought to a close. to a close.

Afterward, the main floor was cleared and informal dancing followed. Many of the boys remained and enjoyed the festivities. The festival finally closed at five o'clock and all left for home.

# PROF. TALBOT TO TALK

# **Illuminants Tonight**

The Society of Arts and any who are interested enough to drop in at 6 Lowell tonight about eight o'clock will be told of "The Chemistry of Modern Il-luminants" by Professor Henry P. Tal-

Even those who drew an F in chemistry may attend this lecture, for it is to be a non-technical account of the sources and preparation of the materials employed in the modern systems of household illumination. It is to be a simple story told in a simple fashion with stereonticon illustrations to show the different details of manufacture.

The lecture will be about the same as those given to the freshman class, but it will be somewhat more extended.

If any of the audience be "from Missouri," Professor Talbot will "show them" by actual experiments. He will tell of the ingredients used in the production of lights, from the candle to acetylene, and the incandescent mantle. Professor Talbot will also touch on the mosphere and occupants of our living

Better come. Maybe you can pic' up some facts to prove that that headace in the morning is due to the gases given off by your study lamp and nothing more.

It is hoped that Holy Cross College will be well represented at the New England intercollegiate meet to be held at Tech Field, Brookline, May 20 and 21. The performances of the athletes at the held in Worcester Monday night would indicate that the purple and white institution has several capable

# CIVIL ENG. SOCIETY VISITS NEW SUBWAY

# bridge Conducted By Chief **Engineer Street**

With a party numbering over a hundred and twenty-five, the Civil Engineering Society, Monday afternoon made the second of their series of trips to points of interest in the vicinity of Boston; visiting the new Cambridge subtons of construction way, now in process of construction. They took the car to Harvard Square, where they were met by Mr. Street, Chief Engineer for the H. P. Nawn Co., contractors, and Mr. Stewart, assistant engineer, who conducted them first to the incline on Massachusetts Avenue for the North Cambridge cars. Here were seen the methods used in bracing up, during excavation, a large sewer which

crosses the street at this point.

From Harvard Square the party proceeded east on Massachusetts Avenue, where the subway during construction, is an open cut about thirty feet deep, which afforded good opportunity to view the work in all stages of completion. The soil consists principally of clay with some beds of sand which is used as far as possible in the concrete. Very little trouble from rock or water is experienced in excavation, although sub-drains have to be used to some extent.

The subway structure consists of reenforced concrete, the mixture being 1: 2:4 waterproofing is effected by means of the tar and felt process—four layers being used. Proceeding farther, a point was reached near the corner of Mt. Auburn Street, where all the excavation is carried on as a tunnel, a shield in the form of a steel arch being used to hold up the earth while the concrete arch is being put in. This shield is continuously being pushed forward as the excavation proceeds, leaving behind the fin-ished concrete work. The excavated earth is hauled in ears back through the tunnel to an elevator which lifts it to the surface, where it is dumped into wagons. Air shafts are provided at intervals, but notwithstanding this the

temperature is over ninety degrees.

At this point a power plant is located, consisting principally of two compressors driven by electric motors, which furnish water under 2000 and 5000 pounds per square inch to the fourteen hydraulic jacks which move the shield. There are also some small air compress-

(Continued on page 3.)

# **MELROSE DEFEATS 1913**

The Freshmen basket-ball team was defeated yesterday by Melrose High School men by the score of 42 to 9. Melrose is represented this year by a fast team, and the Freshmen could not seem to make much headway either in products given off by these different preventing their opponents from scoring lights, and their influence upon the at- or adding points to their own small or adding points to their own small

Welch and McCarthy played well for the 1913 team; Winship and Dyke were the stars of the winning team.

summary MELROSE. Watson, Wentworth c ..... c Murdock

Watson, Wentworth c ... c Murdock
Brock rb ... If Jones
Watson, McLetchie lb ... rf Horner
Goals from floor—Winship (6), Dyke
(5), Wentworth (2), Walsh, McCarthy.
Goals from fouls—Winship, Wentworth,
Walsh. Referce—La Rose. Scorer—
Foster. Timer—Stevens. Time—20winuta halves Attendance—300 minute halves. Attendance-300.

# **DINING ROOM PROFITS** SHOW SMALL INGREASE

# **During Noon Hour By Arthur Campbell**

Although the losses incurred last term have not been made up yet, the weekly profits of the Union Dining Room are not only continuing, but are actually increasing. If they continue at the present rate the Union will come out even, or perhaps show a small profit, by the end of the term.

The Civil Engineering Society is fill-ing two tables each day; the Architects have one table and The Tech has one table. The Course II. men have spoken for a table, and the Tech Show will probably have several tables. The committee again wish to call the attention of the men to the fact that any crowd up to fourteen men can have a table reserved for them regularly.

Arthur Campbell, a small colored gen-Heman, has been employed by the Union House Committee to keep the Union roms clean. He will be on duty daily between 12 and 2.30. The committee asks that all the men who use the Union will co-operate with Mr. Campbell in keeping the rooms neat and tidy.

Two lists for the names of men who wish to purchase \$4.00 meal tickets have been circulating; so far only thirty-five men have signed, and unless fifty or more names can be obtained the scheme will be abandoned.

Following is given the report of the Dining room for the week ending Sunday, Feb. 19:—

#### Receipts.

Inventory, Feb. 20	\$413.00
Cash Receipts	502,03
Private Dinners	20.50
Supplies	23
Discounts	67
_	\$936.43
T7	

# Expenses.

Inventory	February	13	 	\$457,08
Supplies	Bought		 	282.25
Wages .			 	137.88
Students'	Wages		 	19.26
				\$80 <i>6 A</i> 7

Profit for the week ...... Profit for last week ...... 34.72 The average attendance during the week-days of last week was 401 per day this being the largest average attendance

Alexandria, Va., Feb. 22,-The movement to erect a permanent Masonic memorial to George Washington took its first definite form today when Gen. J. M. Dickinson, secretary of war, and the grand masters of many Masonic lodges met here with other distinguished men of the fraternity to form a National Ma-sonic Memorial Association. Perhaps no Masonic celebration ever held anywhere in America has been more elaborate.

Wednesday, February 23.

7:15-Gym team, practice, Gym. 6:00-T. C. A. Dinner, Union. 7:15-Wireless Lecture, Union. 8:00-Society of Arts, 6 Lowell.

Thursday, February 24.

7:30—Mining Engineering Soc. Union. 8:00—Chemical Society, Union. Lowell Textile Basket-ball at Lowell.

Gym Meet at Salem.

Friday, February 25.

1:00—1910 class meeting, Hunt Hall. 8:00—Military Hop, Howe Hall. 8:00—Union Night.

# THE TECH

Published daily, except Sunday, during the college year by students at the Massa-chusetts Institute of Technology.

Entered as second-class matter, Sept. 29, 1909, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

R. H. Ranger 1911 ......Gen. Mgr.

News Board.

A. L. Fabens 1910 ..... Editor-in-Chief G. M. Keith 1912 .... Society Editor
E. B. Moore 1912 .... Gen. News Leditor L. G. Fitzherbert 1911 . . Athletic Editor

Business Board. A. W. Yereance 1911 .. Circulation Mgr.

Wednesday Issue, A. W. Kenney 1913......Asso. Editor

Office 42 Trinity Place. Telephone, Back Bay 2184.

All communications schould be addressed to the proper departments.

Subscriptions \$1.50 per year in advance. Single copies 1 cent.
Subscriptions within the Boston Postal
District and outside of the United States
must be accompanied by postage at the
rate of one cent a copy.

Printed by Puritan Linotype, Boston, Mass. BOSTON, MASS., FEBRUARY 23, 1910.

A great deal has been heard lately from the Institute Committee about the various student activities and the way in which they are conducted. The Institute Committee is the only organization here that can rightly dictate to the student body, yet in so doing is it not losing sight of the purpose for which it was established?

The primary purpose of the Institute Committee has been to act as an intermediate board, to bring the student body and the Instructing staff into closer and more intimate relations.

Let the Institute Committee continue to deal with student activities, if it must, but let it not forget that its actions concern student and faculty rather than students alone.

# **GENERAL NEWS**

TELEGRAPH NEWS OF THE MORNING.

#### WEATHER REPORT.

Washington Feb. 23.—Forecast for Wednesday and Thursday.

New England-Fair and colder Wednesday and Thursday; moderate west and northwest winds. Boston and Vicinity—Fair and colder

Wednesday and Thursday, light to brisk easterly winds.

Philadelphia, Feb. 22.—Three boys were shot and severely injured while several received less severe wounds today in riots which followed the resumption of service by the Philadelphia Rapid Transit Company. The shooting occurred in attacks on cars in the northern sec-

Market street, the principal business thoroughfare, was the scene of disturbances during the entire day. Cars were stoned and two policemen were roughly handled by a mob of several thousand.

Boston, Mass., Feb. 23.—All previous records at hand-shaking were broken by Gov. and Mrs. Draper yesterday during the first hour of the Washington's Birthday reception at the State House. They exchanged handclasps with 49 persons a minute from 10.30 o'clock until 11.30

During that time 2940 persons passed through the line, while in the next hour enough more marched by to bring the number to 4671, about 500 less than attended the reception a year ago, which happened to be one of the most favored February 22d's, so far as the weather is concerned, that has ever characterized the Governor's annual greeting to the citizens of Massachusetts.

## WASHINGTON, D. C.

Washington, Feb. 22.—Representative Loud of Michigan informed the House naval affairs committee today that Civil Engineer Robert E. Peary has expressed satisfaction with Mr. Loud's bill to provide the explorer with a \$5,000 annuity upon his retirement next year, and to vote to him the thanks of Congress. The matter was brought to the attention of Mr. Peary by the Michigan representative.

Washington, Feb. 23.—Secretary of the Navy George von L. Meyer will be given one year in which to prove the value of the so-called "Meyer plan" of navy reorganization. This action was formally taken today by the House naval affairs committee, allowing the secretary all the latitude he may need in giving his plan a fair chance without permanently committing Congress to it. At the end of a year Mr. Meyer must be able to demonstrate to the committee the practicability of the plan before it is incorporated into law

#### FOREIGN.

London, Feb. 22.-Without any actual change in the parliamentary situation, the outlook tonight was more hopeful for the government. It seems that certain ministers met the new Parlia-ment on Monday without having taken any great care, either to seek the views of the various groups forming the government majority or to satisfy their susceptibilities, and the surprise with which the Nationalists and Laborites learned they had misapprehended Premier Asquith's speech with reference to securing "guarantees" for dealing with the House of Lords was in a great measure responsible for the acute crisis.

Berlin, Feb. 22.—The Emperor re-ceived Vice-President Fairbanks, who was presented by Ambassador Hill thi evening, and talked with him nearly an hour. After the audience Mr. Fairbanks said the Emperor had been most kind and was interested in everything relating to the United States. Mr. and Mrs. Fairbanks took a late train for

## THE ARENA

The basket-ball team held Williams down much better than was generally expected. Credit for this should go to Capt. Parker. He played a great game.

The gym. team goes to Salem to-morrow night to meet the local Y. M. C. A. Manager Jacoby announces that he has special rates to all Tech men who wish to go with the team. Fares both ways and admission to the meet will cost only seventy-five cents.

Adolph Wolgart defeated Battling Nelson for the lightweight champion-ship of the world yesterday in the 40th round of their 45-round fight at the Point Richmond arena.

There's going to be a royal contest when the two lower classes meet on the track Saturday. Both classes claim that the result will be victory for them.

Lowell Textile will be the next and last school which the basket-ball team meets. The game with the University of Maine has been cancelled.

How should you have liked to have run in the Armory A. A. cross-country race yesterday? In spite of the indecent weather there were about 100 men in the contest.

Columbia was beaten by the Naval Academy yesterday in fencing, winning only two of the nine bouts. This brigs to mind the fact that until this year Technology was more or less interested in fencing, but the A. A. decided that it could not support the ac-tivity, owing to the lack of interest of the student body and also because fencing was financially decicedly not selfsupporting.

> Hands off cheap gloves if you want well-gloved hands. Hand out

> > **FOWNES GLOVES**

BACK BAY BRANCH

# State Street Trust Co.

130 MASSACHUSETTS AVENUE, BOSTON

Credits interest monthly on accounts of \$300 and over.

MAIN OFFICE: 38 STATE STREET



HAVE YOU TRIED THEM?

Turkish Cigarettes

They are fine in flavor and smooth. The most perfect blend you ever smoked.

15 CENTS PER PACKAGE OF 10.

Try a box TODAY and see for yourself. In Packages of 100 at \$1.25 make a Christmas Gift that will be appreciated and enjoyed. ESTABROOK & EATON, Distributors. On Sale at the Cage.

# MURSE & HENDERSON

IS BOYLSTON STREET,

BOSTON

Tel. Oxford 99

Rooms 14-15.

THE LATEST NOVELTIES FOR FALL AND WINTER FOR COLLEGE MEN.

An International Standard by which all others are being judged. HAMMERLESS REPEATING SHOTGUN
The Latest Browning Patent.

Six Shots. List Price \$27.00 raciest lines known to Shotgun Models, Simple to Take Down. Simpler to Put Together. Simplest Mechanism in the World.

STEVENS SHOTGUNS, RIFLES, PISTOLS

made in the factory of precision with an accuracy unparalleled in the world.

Ask your Dealer. Insist on seeing the STEVENS. If he hasn't got it, we will send you the gun, express prepald, on receipt of List Price, \$27.00. Your Complete Catalog of Stevens Shotguns, Rifles, Pistols, as made in the famous factory of precision is sent free the day you ask for it.



# BOSTON OPERA HOUSE

Henry Russell, Managing Director.

GRAND OPERA AT POPULAR PRICES.

Next Saturday at 8 P. M.

# Lucia di Lammermoor

In Italian

Mmes. Lipkowska, Pierce, MM. Cartica, Fornari, Vanni, Perini, Oggero. Cond. Luzzatti.

Prices 50c., \$1.co, \$1.50, \$2.00.

Mason & Hamlin Pianos Used.

# M. I. T. MILITARY HOP

The annual dance given by the M. I. T. Corps of Cadets will take place this year on Friday evening, Feb. 25, at Howe Hall. Instead of being given by the officers alone, as in former years, the dance this year is being run by both officers and "non-coms." It is expected this will places the freelymen and of the property of the proper this will please the freshmen, and a large attendance is counted on. Tickets are for sale by the officers, both commissioned and non-commissioned and commissioned and non-commissioned and the price is seventy-five cents. A reception will be held promptly at 8.00 P. M., and after this the grand march will take place, and then general dancing until 12 o'clock. Refreshments will be served at intermission. Major Herlihy as chairman of the committee in liby, as chairman of the committee is the floor director with Adj. Selfridge as his assistant, and the other officers as aids. Below is given a list of the officers of the battalion and of the committees in charge:

Maj. John A. Herlihy 1911; Adj. J. S. Selfridge 1912.

A Company—Capt. F. Busby 1912; lst Lieut. C. W. Webber 1912; 2d Lieut. H. W. Codding 1912.

B Company—Capt. L. W. Golden 1911; lst Lieut. B. W. Chandler 1912; 2d Lieut. E. W. Davis 1912.

C Company—Capt. H. S. Tirrell 1912; lst Lieut. H. M. Priest 1912; 2d Lieut. J. H. Pratt 1912.

J. H. Pratt 1912.

D Company—Capt. W. W. Lang 1912; 1st Lieut. D. J. McGrath 1912; 2d Lieut. R. B. Stone 1912. Printing Committee. — Sergt. Maj.

Arey, Chairman.
Hall Committee.—1st Sergt. Weeks,

Chairman; Sergt. Stearns. Refreshment Committee.—Sergt. Taft, Chairman; Sergt. Jones; Corp. Bowman.

# **CIVIL ENGINEERING SOCIETY**

(Continued from page 1.)

From this point to Main Street, where the subway leaves Massachusetts Avenue, work is not begun as yet. On Main Street, however, cuts are seen at frequent intervals, and the subway being nearer the surface, there is a better view of the details of re-enforcement. The sewer which formerly ran in the centre of the street has been divided, and runs under the sidewalks at either side. The cross sewers have to be taken care of by inverted siphons.

At Kendall Square, where one of the three subway stations will be located, a good view is afforded of the methods used in the mixing of the concrete. The sand and broken stone are heated by coils of exhaust steam. Then the materials are measured into a recentalrials are measured into a receptacle which is hoisted up and dumped into a cubical concrete mixer, placed about twelve feet above ground, which in turn

empties directly into the wagons.

Just east of Kendall Square the subway rises above the ground and crosses the river on the new West Boston bridge.

## CHEM. SOCIETY MEETING

W. W. Duncan, '04, the chemist for The Hood Rubber Company of Watertown, will address the Chemical Society on Thursday. Mr. Duncan is an authority on the manufacture and the chemistry of rubber. Invitations have been extended to the Harvard chemists to attend this talk.

The meeting will be called at eight o'clock on the lower floor of the Union. The president, Geo. W. Lunt 1910 urges all the members to attend, not only because of the interest of the talk, but also so that the list of the names of members may be obtained for Technique.

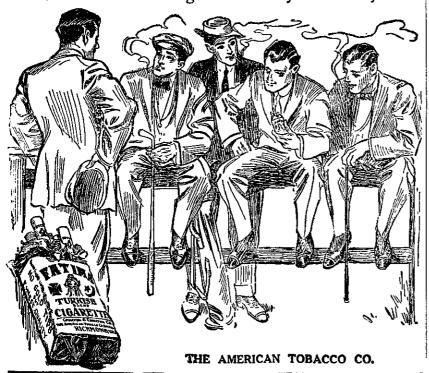
> 192 MARLBOROUGH STREET Under New Management

Suite suitable for Physician or Dentist. Electric Lighting. Also would let rooms separately, furnished or unfurnished. Apply to Mrs. L. M. Wood, Manager.

20 for 15 cts. 3

The Campus Fence—gathering place for all good fellows. Tales of victory, and time to smoke Fatima Cigarettes.

The smoke that pleases and satisfies. Perfectly blended Turkish tobacco. Inexpensively packed with ten extra cigarettes for your money.





124 Tremont St., opp. Park St. Church Telephone Oxford 1737 Conservatories:

Boylston and Fairfield Sts., Back Bay Telephone Back Bay 2323 Established 1850

Castle Sq. Tel. Tremont 5 Daily 2 and 8 The John Craig Stock Company SHORE ACRES.

Prices 15c., 25c., 5oc., 75c. Down-town Ticket Office, 15 Winter St

TICKEIS HERRICK ALL THEATRES

COPLEY SQUARE

Telephones 2329, 2330 and 2331 BackBay

# VISIT HE NEW STORE

DRAFTING INSTRUMENTS, PAPERS, TRACING CLOTH, TRIANGLES, T SQUARES, SLIDE RULES, PENCILS, ETC. PAINTS, VARNISHES AND HARDWARE.

At Lowest Price 210 CLARENDON ST.

> 82 and 84 WASHINGTON ST. Catalogues Free

Vadsworth, Howland & Co.

WE WANT YOU ON OUR BOOKS



We'll wash your shirts And wash them clean. Some are twelve; some fifteen; We'll sew on buttons And darn your sox, And send them back In a nice clean box



# OWN A TYPEWRITER

If you haven't the cash we sell you one on

EASY PAYMENTS

L MAKES AND ALL **PRICES** 

# INSPECTION CO.

165 DEVONSHIRE STREET

26 ARCH STREET

# HIGGINS'

Drawing-Inks
Eternal Writing-Ink
Engrossing-Ink
Taurine Mucilage
Photo-Mounter Drawing-Board Paste Liquid Paste Office Paste Vegetable Glue, Etc.



Vegetable Glue, Etc.

Are the Finest and Best Inks and
Adhesives. Emancipate yourself
from the use of corrosive and ill
smelling inks and adhesives and
adopt the Higgins Inks and Ad
hesives. They will be a revelation
to you, they are so sweet, clean,
and well put up.

At Dealers Generally.

CHAS. M. HIGGINS & CO., Migra Branches: Chicago, London 271 Ninth Street, Brooklyn, N.T.

# Preston's Coffee House

Open All Night. 1036 BOYLSTON STREET, BOSTON Telephone 2206-1 B. B.

Tel. 1597-1 B.B.

#### SAWYER MISS

MULTIGRAPHING **TYPEWRITING** 

486 BOYLSTON ST., Opp. Rogers Bldg

## **ROWAN & CURRY**

THE TECH BARBERS

Special attention paid to students at M. I. T.

In the New Chauncey Hall Building 585 BOYLSTON STREET Opp. Copley Square

### SAFETY RAZOR BLADES 1 C Made Sharper Than New **Z**ZEa.

Exclusive process; no wearing down; double edge blades a specialty. Send one dozen blades and 30c. today and save 70c.

P. H. MacNEIL,

169 Congress St.,

Boston.

# GEO. H. ELLIS CO.

# **Printers**

No. 272 CONGRESS STREET BOSTON, MASS.

Phone' 1549.

RECEIPTS AT THE UNION LAST WEEK PASSED THE \$500.00 MARK WATCH US CLEAN DEFICIT!

Allen, Doane & Co. OFFICE, BANK AND DATING

STAMPS STEEL STAMPS, DIE SINKING, STEEL LETTERS & FIGURES

29 and 31 Cornhill, Boston

#### J. C. LITTLEFIELD



HIGH CLASS TAILOR

Smart and of fective fabrics; the latest texthe ture and able shades, prices that are right.

DRESS CLOTHES A SPECIALTY. 12 Beacon Street, Boston

# **BOSTON DAIRY** LUNCH

COR. BERKELEY & BOYLSTON STS. Specials Every Day. e Cooking. Moderate Prices. All Home Cooking. Cigars and Cigarettes.



MODERN LANGUAGES.

Beginning Wednesday, the 23d inst., exercises in the following subjects will be held as indicated, instead of as heretofore.

Subject Hours Room Dr. Kurrelmeyer Tuesday 8-9 30 Lowell German I Sec. a Thursday Saturday Dr. Kurrelmeyer 30 Lowell 8-9 30 Lowell Dr. Kurrelmeyer 21 Lowell Monday Wednesday 21 Lowell 21 Lowell Friday Tuesday 23 Lowell Italian 8-9 Thursday 23 Lowell 23 Lowell French I Monday Wednesday 8-9 23 Lowell Friday 23 Lowell 8-9

GERMAN I.

Students are assigned to sections as follows:

Section a. Achard, F. H. Babcock, H. A. Barnes, C. S. Bartlett, G. R. Elcock, R. O. Harris, L. G. Murdock, F. D. Rand F. L. Randall, R. A. Ready, W. A. Sampson, G. B. Sondstein, L. M. Sisonsky, S. Stevenson, W. C. H. Tullar, R. J. Waterman, M. L.

Weeks, R. W.

Adler, J. E. Capen, G. P. Conant, A. D. Crawford, C. A. Cromwell, P. C. Jr. Davis, E. W. Hages, O. R. Morrison, A. Neily, E. S. Rich, F. D. Sampson, R. D. Taylor, E. G. Wallis, R. B. Warner, P. A. White, P. D. Woods, C. H. February 21, 1910.

#### GENERAL NOTICES.

FRENCH COLLOQUIUM B.

This subject has been announced erroneously as coming on Thursday from 12-1. It comes on Thursday from 11-12, and recites to Professor Bigelow, in Room 31 Lowell. Students wishing to attend should see Professor Bigelow at the next exercise.

#### GERMAN II.

Commencing Monday, the 21st, Section 18 will recite to Dr. Kurrelmeyer in Room 30 Lowell, otherwise as heretofore; and Section 8 to Professor Vogel in Room 30 Lowell as follows:

Tuesday, 12-1. Wednesday, 12-1. Friday, 10-11.

## ALL CLUBS.

Proofs will be left for all Clubs hav-ing inserts in Technique at the Cage. If proofs are not called for in five days the editors con not be responsible for

#### E. E. SOCIETY.

Prof. A. E. Kennelly of Harvard will speak on Wireless Telegraphy and Telephony on Wednesday evening, Feb. 23, at Union. Refreshments.

NOTICE -- All Juniors who have not as yet signed their names under the Class Picture will please do so at once. The picture is on the Union Bulletin Board.

1910 class meeting Friday 1.00 P. M. in Huntington Hall.

#### Castle Square Theatre. Boston Opera House. BARBERS. Rowan & Curry. BANKING HOUSES.

**ADVERTISERS** 

ATTRACTIONS.

CLASSIFIED

LIST OF

Old Colony Trust. State Street Trust Co. BOOKBINDERS. Alexander Moore. BOOKSTORE.

Old Corner Bookstore. CIGARETTES.

Cobb, Bates & Yerra.
CONFECTIONERY. Apollo Chocolates.

CRACKERS. Johnson Educator Food Co. DRUGGISTS.

Copley Drug. Theo. Metcalf & Co. ENGINEERS. Stone & Webster. FLORISTS.

Galvin.

Instructor

Mr. Meister

Mr. Meister

Mr. Meister

Mr. Dike

Mr. Dike Mr. Dike

Mr. Dike

Mr. Dike

Section b.

Fownes HARDWARE.

GLOVES.

Wardsworth & Howland. HATTERS.

Collins & Fairbanks. Sphinx. HOTELS.

Hotel Brunswick. Hotel Cumberland. American House,

JEWELERS. Bent & Bush.

LAUNDRY. Hinds Hand Laundry.

MEN'S FURNISHINGS. Arrow collars. Boston Garters. Collins & Fairbanks. Morse & Henderson. C. F. Hovey & Co. Noyes Bros Shuman & Co. J. C. Littlefield.

Brooks Bros. PRINTERS. Geo. H. Ellis Co.

RESTAURANTS Copley Lunch. Lombardi Inn. Preston's Coffee House. Boston Dairy. Landers Lunch Room.

Union Dining Room. SPORTING GOODS. Stevens Gun Co. A. G. Spalding. RUBBER STAMPS.

Allen, Doane & Co. STATIONERS.

Faber Pencils. Higgine' Ink. Maclachlan.

Samuel Ward & Co. THEATER TICKETS.

Herrick. TYPEWRITING.

Miss Sawyer.

TYPEWRITERS. Model Typewriter Exchange.

# OLD COLONY TRUST COMPANY

Capital and Surplus, \$7,500,000.00

Main Office, Court Street Branch Office, Temple Place

SAFE DEPOSIT VAULTS AT BOTH **OFFICES** 

# Winter

FOR GENTLEMEN

Highest Order of Tailoring, yet Ready to Slip Into.

Suit or Overcoat Formerly \$25 to \$50

Now Reduced \$18 to \$35

FINEST OF FURNISHINGS. ALSO REDUCED

Ely Meyer & M. C. Simon

T. Henry Clarkson, Manager. WASHINGTON AND FRANKLIN STREETS.